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GOODaaa PN-W22PLUS

GOODaaa Solar Charger Power Bank PN-W22PLUS User Manual

Model: PN-W22PLUS

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your GOODaaa Solar Charger Power Bank, Model PN-W22PLUS. This portable power bank features a high-capacity 36800mAh battery, five integrated solar panels for supplemental charging, built-in charging cables, wireless charging capability, and dual LED flashlights. Designed for outdoor enthusiasts, it offers multiple charging options for various electronic devices.



Image: The GOODaaa Solar Charger Power Bank PN-W22PLUS, showcasing its five unfolded solar panels, built-in cables, wireless charging pad, and illuminated dual LED flashlights. The device is black with orange accents.

PRODUCT COMPONENTS

Familiarize yourself with the various parts of your power bank:

- **Main Power Bank Unit:** Contains the 36800mAh battery, wireless charging pad, and control buttons.
- **Foldable Solar Panels:** Five integrated panels for solar energy collection.
- **Built-in Output Cables:** Includes Lightning, USB-C, and Micro USB cables for direct device charging.
- **USB Output Ports:** Additional USB-A and USB-C ports for external cable connections.
- **Input Ports:** USB-C and Lightning input ports for charging the power bank itself.
- **Dual LED Flashlights:** Located on the front edge for illumination.
- **Power Button:** Activates the device and controls flashlight modes.
- **LED Battery Indicator:** Displays remaining battery capacity and charging status.
- **Carabiner Clip:** For attaching the power bank to backpacks or gear.

Wireless Charging

Embrace the convenience of wireless charging
for your devices



Image: A detailed diagram illustrating the various components of the power bank, including the wireless charging area, built-in Lightning, USB-C, and Micro USB output cables, USB input cable, USB output port, Type-C input/output port, Micro USB input port, LED lights, LED battery indicator, and solar panels.

SETUP

Initial Charging of the Power Bank

Before first use, fully charge the power bank using a wall adapter. This ensures optimal battery performance.

1. Locate the input ports on the side of the power bank, protected by a silicone cover.
2. Connect a compatible USB-C or Lightning cable (a USB-C to USB-C cable is included) to the power bank's input port.
3. Connect the other end of the cable to a wall adapter (not included) and plug it into a power outlet.
4. The LED battery indicator lights will illuminate, showing the charging progress. All indicator lights will be solid when fully charged.

Note: Solar charging is primarily for emergency use and to maintain battery charge. For a faster and more efficient initial charge, always use a wall adapter.



Image: The power bank illustrating two charging methods: USB charging from a wall outlet using a USB-C cable, and solar charging with its five panels unfolded under sunlight.

OPERATING INSTRUCTIONS

Charging External Devices (Wired)

The power bank offers multiple options for wired charging:

- **Using Built-in Cables:** Pull out the appropriate built-in cable (Lightning, USB-C, or Micro USB) and connect it directly to your device.
- **Using USB Output Ports:** Connect your device's charging cable to one of the USB-A or USB-C output ports on the power bank.

The power bank can charge up to five devices simultaneously using a combination of built-in cables and external ports.

5 Outputs 3 Inputs



Lightning Output Cable



USB-C Output Cable



Micro USB Output Cable



USB Input Cable



USB Output Port



USB-C Input /Output Port



Micro USB Input Port



Image: The power bank connected to several mobile phones and tablets via its integrated cables (Lightning, USB-C, Micro USB) and external USB ports, demonstrating its multi-device charging capability.

Charging External Devices (Wireless)

For devices that support wireless charging:

1. Place your wireless-charging-compatible device directly onto the wireless charging pad located on the power bank's surface.
2. Ensure the device is centered on the pad for optimal charging. The power bank will automatically begin wireless charging.

36800mAh

Solar Charger with Five Solar Panels

Enhance your outdoor experience with our five premium solar panels that charge faster than a single solar panel.

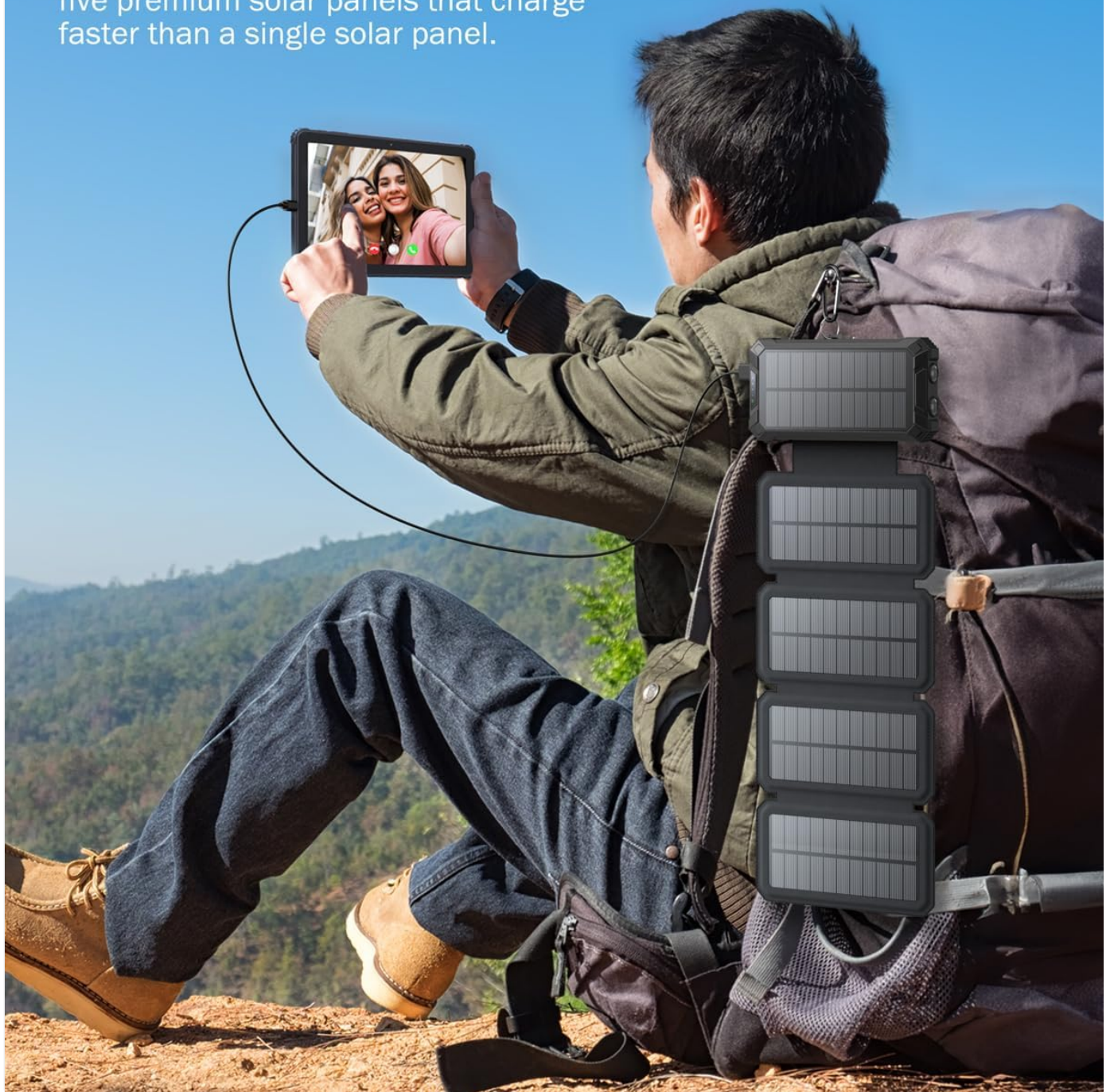


Image: A smartphone placed on the wireless charging pad of the power bank, indicating active wireless charging with a visual effect.

Solar Charging the Power Bank

The five foldable solar panels allow for supplemental charging when a wall outlet is unavailable:

1. Unfold all five solar panels completely.
2. Place the power bank in direct sunlight. The green LED indicator will light up, confirming that solar charging is active.
3. For best results, position the panels perpendicular to the sun's rays.

Important: Solar charging is slower than wall charging and is intended for emergency power or to extend battery life during prolonged outdoor activities. It may take 8-10 hours in direct sunlight to fully charge the power bank via solar panels. Cloud cover will significantly reduce charging efficiency.



Dual Bright LED Flashlights

100  Feet

200  Hours



Image: The power bank with its five solar panels fully extended, placed outdoors on a rock to maximize exposure to sunlight for charging.

Using the Dual LED Flashlights

The integrated flashlights provide illumination in low-light conditions:

1. **To Turn On/Off:** Press and hold the power button for approximately 3 seconds.
2. **To Cycle Modes:** Once the flashlight is on, short press the power button to cycle through different modes (e.g., High, Medium, Low, Strobe, SOS).

Perfect Companion for Outdoor Enthusiasts



Image: The power bank's dual LED flashlights providing strong illumination in a dark environment, with smaller inset images showing its practical applications during camping, reading, and hiking.

MAINTENANCE

Proper care ensures the longevity and performance of your power bank:

- **Cleaning:** Wipe the device with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, ensure it is charged to about 50-75% capacity.
- **Battery Care:** To prolong battery life, avoid fully discharging the power bank regularly. Recharge it before it completely runs out of power.
- **Protection:** The power bank features silicone covers for its ports, offering resistance against drops, dust, and water. Ensure these covers are properly sealed when not in use to maintain protection.

Product Detailed Drawing



Image: A composite image showcasing the power bank's robust design, including its shockproof casing, water resistance (splashed with water), and dustproof features, suitable for outdoor use.

TROUBLESHOOTING

If you encounter issues with your power bank, refer to the following common solutions:

- **Device Not Charging:**

- Ensure the power bank is sufficiently charged. Check the LED battery indicators.
- Verify that the charging cable is securely connected to both the power bank and your device.
- If using built-in cables, ensure they are fully extended and properly seated in your device's port.
- If using wireless charging, ensure your device is compatible and correctly positioned on the charging pad.
- Try a different charging cable or port to rule out a faulty connection.

- **Slow Solar Charging:**

- Solar charging is inherently slower than wall charging. Ensure the panels are in direct, unobstructed sunlight.
- Angle the panels directly towards the sun for maximum efficiency.
- Cloudy weather, shade, or indoor lighting will significantly reduce solar charging speed. Solar charging is best used for supplemental power or emergency situations, not as a primary charging method.

- **Flashlight Not Working:**

- Ensure the power bank has sufficient charge.
- Press and hold the power button for 3 seconds to activate the flashlight. If it doesn't turn on, try charging the power bank.

SPECIFICATIONS

Brand	GOODaaa
Model Number	PN-W22PLUS
Battery Capacity	36800 Milliamp Hours (mAh)
Product Dimensions	7.48 x 4.56 x 2 inches
Item Weight	1.3 pounds
Connector Type	USB Type A, USB Type C
Special Features	Flashlight, Wireless Charging, Five Solar Panels, Built-in Cables (Lightning, USB-C, Micro USB), Water/Dust/Shock Resistant
Color	Black
Batteries Required	2 12V batteries (included)

WARRANTY AND SUPPORT

Your GOODaaa Solar Charger Power Bank PN-W22PLUS comes with a **3-Year Replacement Promise**. For any product inquiries, technical support, or warranty claims, please contact GOODaaa customer service through the retailer's platform or visit the official GOODaaa website for contact information.

Please retain your proof of purchase for warranty validation.



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